

imagine

LIFT & SLIDE
PATIO DOOR

82mm

The Imagine Lift and Slide Patio Door *for creative home designs.*



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www.vekauk.com



The VEKA UK Group

A new development from VEKA which has been designed down to the smallest detail, the Imagine Lift and Slide Patio Door makes freedom a reality.

Whatever you are looking for in terms of design, opening options, installation possibilities or ease of operation – with the Imagine Lift and Slide Patio Door, imagination virtually knows no bounds.

The Imagine Lift and Slide Patio Door offers exceptional stability and security. The innovative insulation technology built into each profile achieves heat retention levels not found elsewhere, making the Imagine Lift and Slide Patio Door the first choice for energy-conscious construction.

Safe and secure – a quality solution

Extra-large steel reinforcements are inserted in the profile cores, which ensures ease of operation for years to come, whilst offering safety & security

The Imagine Lift and Slide Patio Door is compatible with all major hardware systems.





Limitless home enjoyment

Doors that let nature into your living space

Your home should give you the protection and comfort you need. At the same time, it should afford you the freedom to be at ease and be yourself.

The Imagine Lift and Slide Patio Door is strong inside and outside. It provides space, light and fresh air whenever you need it, while offering great protection from wind, bad weather or unwanted guests.

No matter what door solution you are looking for – a small doorway, a broad, barrier-free passage to your garden or easy-to-operate, floor-to-ceiling glass panels – the Imagine Lift and Slide Patio Door with its technical details and quality components caters to virtually any taste.

Why not let nature into your living room, with doors whose colour, design and functionality are every bit as special as you.

The Imagine Lift and Slide Patio Door for *homes without limits*

Perfect down to every detail – and highly practical

Energy efficient

The thermal properties of building materials will become increasingly important in the years to come. In the past, huge glazed surfaces almost always spelled huge energy losses; innovative Imagine Lift and Slide Patio Door can turn them into energy savers. A sophisticated array of technologies, including highly insulating multichamber profiles, Neopor® inserts in the casing frame and our proprietary thermally broken threshold, provide outstanding heat insulation. Depending on the glazing used, this enables best-in-class insulation results. The Imagine Lift and Slide Patio Door saves you valuable heating energy – and money.



Easy to clean

The Imagine Lift and Slide Patio Door is easy to clean and resistant to dirt build-ups. It goes without saying that PVC-U never require repainting or varnishing.



Elegant looks

The Imagine Lift and Slide Patio Door lets you design your individual living space without trading off on good looks: slender visible surfaces even in floor-to-ceiling installations make the most of the large glazed surfaces and let in maximum light. And with door sashes flush with the frame, a single, continuous sliding groove and the flush, barrier-free threshold in elegant light grey, the Imagine Lift and Slide Patio Door provides an all-round stylish appearance from any perspective. Another Imagine Lift and Slide Patio Door plus is that all gaskets and, if requested, the sash drainage, is concealed – creating a sleek overall impression.



Completely weathertight

If the weather outside is cold and stormy, or heavy rain beats against the panes, you'll be warm and comfortable inside, thanks to the Imagine Lift and Slide Patio Door. Its high quality seamless weather-stripping seals off the entire door and sash and, where necessary, also the accessory profiles – keeping draughts and moisture reliably away and making you feel safe and secure in your home, come rain or come shine.



More colours – more style

With the Imagine Lift and Slide Patio Door realising your personal design dreams is easier than ever. The Imagine Lift and Slide Patio Door is the only available PVC-U lift and slide door system that offers the full range of installation options in all colours! Simply select your favourite style from a wide choice of colour and woodgrain finishes (see below). Or opt for another elegant surface solution: all Imagine Lift and Slide Patio Doors can be equipped with aluminium cover technology in the colour of your choice, giving your door an even classier look.



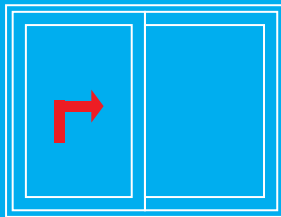
			
Golden Oak Ral: 8001*	Walnut V Ral: 8028*	Siena PN Ral: 8028*	Mountain Pine Ral: 1011*
			
Light Oak Ral: 8008*	Rosewood Ral: 8015*	White Ral: 9010*	Cream Ral: 9001*
			
Light Ivory Ral: 1015*	Agate Grey Ral: 7038*	Silver Grey Ral: 7001*	Basalt Grey Ral: 7012*
			
Anthracite Grey Ral: 7016*	Anthracite Grey Smooth Ral: 7016*	Slate Grey Ral: 7015*	Beck Brown Ral: 8022*
			
Steel Blue Ral: 5011*	Dark Green Ral: 6009*	Dark Red Ral: 3011*	

*Please note RAL references should be used as guidance only.

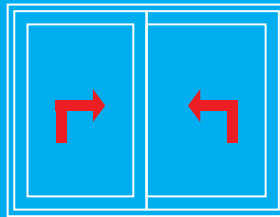




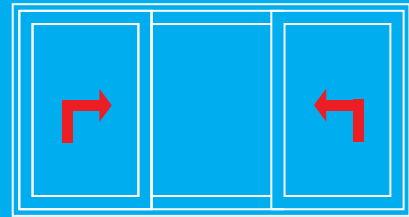
Opening options



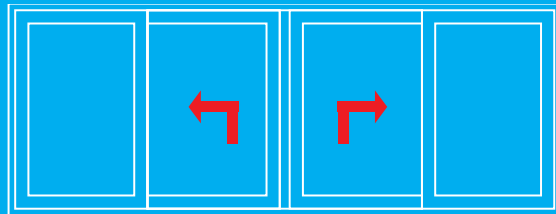
2-panel solution with lift and slide sash and fixed glazing



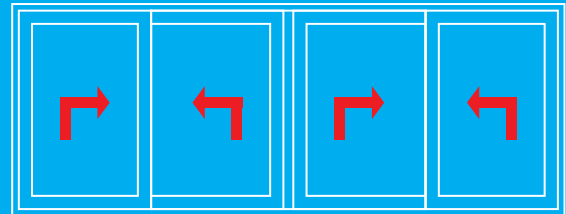
2- panel solution with 2 lift and slide sashes



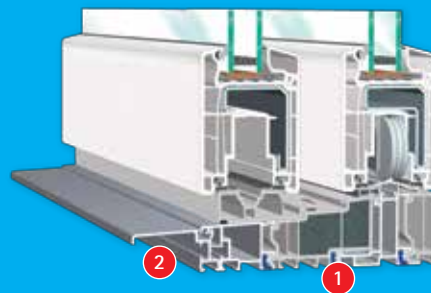
3- panel solution with 2 lift and slide sashes and fixed glazing



4- panel solution with 2 lift and slide sashes and 2 fixed panes



4- panel solution with 4 lift and slide sashes



- 1 The thermally broken threshold guarantees optimal heat insulation values
- 2 The clip-on weatherboard allows easy access when renovating patio or balcony floors

Profile system

- Sash depth: 82 mm
- Depth of jamb and threshold: 194 mm
- Visible frame widths: 169 (sides), 108 mm (centre)
- Thermally broken threshold with integrated insulating core

- Wall thickness conforms to the highest quality standard, BS EN 12608, Class A
- Steel reinforcements conforming to BS 7412 Guidelines

Suitable for

Residential and office construction

Function

Balcony door, patio door

Opening options

Lift & slide door: 2 to 4 sashes, fixed glazing, or combination of both

Surfaces

- White Extruded PVC-U with smooth, high-gloss surface
- Wide choice of colours and decors
 - Single or double sided lamination
 - Colour or woodgrain laminates
 - Smooth or grained surfaces (Variations)

Gasket system

- Two-level sealing system with high-quality gaskets
- Gasket colours: black

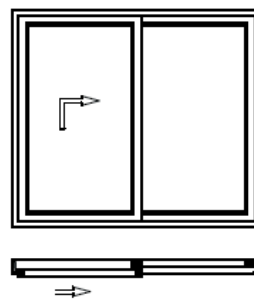
Glazing

- Glazing options: single, insulating (double or triple), security, sound insulating and non-standard glazing
- Glazing system: dry glazing utilizing compression gaskets
- Glazing rebate:
 - Pane thickness: 24 mm to 52 mm
 - Height of glazing rebate: 28 mm
 - Glass insertion depth: 20 mm

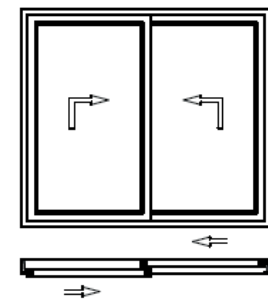
Fittings

- All quality-approved, system compatible fittings

Layout A



Layout D




2 pane kit in white is available X-Stock - see manual for sizes. Other sizes/colours/panes are made to order, delivered in 6 metre lengths.

Please refer to the technical manual for availability.



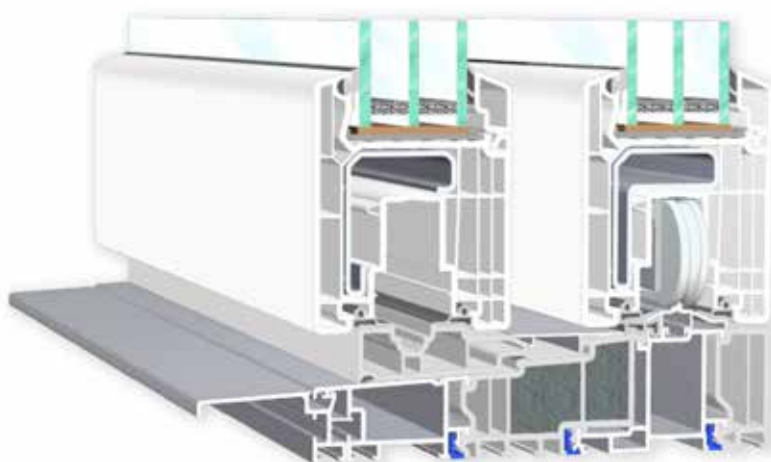
Overview of test values*

Element type according to BS 6395	3.2 Lift and slide door
Schematic drawing	
Resistance to wind load ¹ EN 12210	Wind Load 1600 Pa. with L/200 Deflection Limit
Watertightness ² EN 12208	300 Pa.
Air permeability EN 12207	600 Pa.
Low Iron 20mm Argon Warm Edge Low E (0.05) ³	U _{DOOR} = 1.4 Energy Index 2 Energy Rating A

¹ Depending on casement height and width.

* Technical specifications subject to change. All measurements given above refer to the tested items only. Using other than the specified setups, such as different components (glazing package etc.), may result in diverging insulation values. If in doubt, consult your local window manufacturer.

³ This is based on a BFRC standard size (2000mm W x 2180mm H)



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